

THERBAN[®] LT 2007

Product Description

A fully hydrogenated hydrocarbon acrylonitrile ter-polymer (less than 1% residual doublebonds) with low mould fouling properties, designed for applications requiring good flexibility at low temperature, superior resistance to heat, ozone and good resistance to non - polar hydrocarbon fluids.

Supply Form

Bales

Raw Material Properties

Property	Nominal Value	Unit	Test Method
Mooney Viscosity UML (1+4) 100°C	74 ± 10	MU	ISO 289/ASTM D 1646
Acrylonitrile content	21 ± 1.5	wt %	ISO24698-1
Residual double bonds	≤ 0.9	%	IR Spectroscopy
Volatile matter	≤ 0.5	wt %	ISO 248/ASTM D 5668

Other Product Features

Property	Typical Value		
Specific gravity	0.96		
Total Ash	≤ 0.5	wt %	ISO 247/ASTM D 5667
Stabilizer	Non-staining		
Solubility	Soluble in MEK, acetone		
Color	Light brown		

THERBAN[®] LT 2007

Packaging	25 kg bales wrapped in blue PE film, strippable / dispersible (melting point of film = 85 - 110°C, Vicat softening point = 71°C, 0.05 mm thick); pallets of 20 bales (500 kg)
Shelf life	36 months from date of production at temperatures not exceeding 35°C in dry conditions; exposure to light has to be avoided

THERBAN[®] is a Registered Trademark of LANXESS Deutschland GmbH

Health and Safety Information: Appropriate literature has been assembled which provides information concerning the health and safety precautions that must be observed when handling the LANXESS products mentioned in this publication. For materials mentioned which are not LANXESS products, appropriate industrial hygiene and other safety precautions recommended by their manufacturers should be followed. Before working with any of these products, you must read and become familiar with the available information on their hazards, proper use, and handling. This cannot be overemphasized. Information is available in several forms, *e.g.*, *material safety data sheets and product labels*. Consult your LANXESS Corporation representative or contact the Product Safety and Regulatory Affairs Department at LANXESS.

LANXESS Corporation

111 RIDC Park West Drive · Pittsburgh, PA 15275 · Phone: 1-800-LANXESS · www.US.LANXESS.com

The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations are beyond our control. Therefore, it is imperative that you test our products, technical assistance and information to determine to your own satisfaction whether they are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by us. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with patents covering any material or its use. No license is implied or in fact granted under the claims of any patent. As with any product, use of the products mentioned in this publication in a given application must be tested (including field testing, etc.) by the user in advance to determine suitability.

Note: The information contained in this publication is current as of January 01, 2010. Please contact LANXESS Corporation to determine if this publication has been revised.

Issue number: LXS 04 / Date of issue: January 01, 2010 / Previous issue from May 05, 2008 / Information current as of date of issue. Please contact your LANXESS representative to determine if this publication has been revised.